09/931485



#### 09931485 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returne

From A Search of 09931485 on May 20, 2004

7		OR, 5 XR) : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES				
	342/350 342/352 342/357.01 342/357.06	DIRECTIVE .Including a satelliteWith position indicatingUsing Global Positioning Satellite (GPS or Glonass)				
5		OR, 4 XR) : DATA PROCESSING: VEHICLES, NAVIGATION, AND				
	701/200	RELATIVE LOCATION NAVIGATION				
	701/207 701/213	.Employing position determining equipmentUsing Global Positioning System (GPS)				
4		OR, 1 XR)				
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES				
	342/350	DIRECTIVE				
	342/352	.Including a satellite				
	342/357.01					
	342/357.06	Using Global Positioning Satellite (GPS or Glonass)				
	342/357.08	<pre>Determining relative position (e.g.,     distance or direction)</pre>				
4	342/357.12 (3	OR, 1 XR)				
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES				
	342/350	DIRECTIVE				
	342/352	.Including a satellite				
	342/357.01					
	342/357.06	Using Global Positioning Satellite (GPS or Glonass)				
	342/357.12	GPS receiver signal processing				
4	342/457 (1	OR, 3 XR)				
		: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES				
	342/350	DIRECTIVE				
	342/450	.Position indicating (e.g., triangulation)				
	342/457	Land vehicle location (e.g., bus, police car				

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4	343/702 (0 Class 343 343/700R 343/702	: COMMUNICATIONS: RADIO WAVE ANTENNAS ANTENNAS
4	701/212 (0 Class 701 701/200 701/207 701/208 701/212	OR, 4 XR) : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION NAVIGATION .Employing position determining equipmentFor use in a map data base systemHaving variable map scale
3	340/500	: COMMUNICATIONS: ELECTRICAL CONDITION RESPONSIVE INDICATING SYSTEM .With particular coupling link
3	Class 340	: COMMUNICATIONS: ELECTRICAL CONDITION RESPONSIVE INDICATING SYSTEM .With particular coupling linkRadioIncluding personal portable device
3	Class 342 342/350	OR, 3 XR) : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES DIRECTIVE .Including a satellite
3	342/357.07 (1 Class 342 342/350 342/352 342/357.01 342/357.06 342/357.07	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES DIRECTIVE .Including a satellite
3	•	OR, 2 XR) : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

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#### 09931485 CLSTITLES AND DEVICES 342/350 DIRECTIVE 342/352 .Including a satellite 342/357.01 ..With position indicating 342/357.06 ... Using Global Positioning Satellite (GPS or Glonass) 342/357.09 ....With transmission of location-indicative information to or from a remote station 342/357.1 (1 OR, 2 XR)342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS Class AND DEVICES 342/350 DIRECTIVE 342/352 .Including a satellite 342/357.01 .. With position indicating 342/357.06 ... Using Global Positioning Satellite (GPS or Glonass) 342/357.1 .... Combined with telecommunication 342/450 (0 OR, 3 XR)342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS Class AND DEVICES 342/350 DIRECTIVE 342/450 .Position indicating (e.g., triangulation) 340/573.1 (2 OR, 0 XR) Class 340 : COMMUNICATIONS: ELECTRICAL CONDITION RESPONSIVE INDICATING SYSTEM 340/500 340/540 .Specific condition 340/573.1 .. Human or animal (1 OR, 1 XR) 340/825.49 Class 340 : COMMUNICATIONS: ELECTRICAL 340/825 SELECTIVE .Having indication or alarm (e.g., location 340/825.36 indication) ..Location indication 340/825.49 340/988 (1 OR, 1 XR)

2 340/990 (0 OR, 2 XR)
Class 340: COMMUNICATIONS: ELECTRICAL
340/988 VEHICLE POSITION INDICATION
340/989 .At remote location

340 : COMMUNICATIONS:

Class

340/988

340/989 ..With map display

VEHICLE POSITION INDICATION

ELECTRICAL

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09931485 CLSTITLES
                 (1 OR, 1 XR)
   340/995.15
                340 : COMMUNICATIONS:
        Class
                                        ELECTRICAL
        340/988
                      VEHICLE POSITION INDICATION
        340/995.1
                      .Map display
        340/995.14
                      .. Manipulation of map display or data
        340/995.15
                      ... Having adjustable map (e.g., scalable, etc.
                (2 OR, 0 XR)
   342/357.03
        Class
                342:
                       COMMUNICATIONS:
                                        DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/350
                      DIRECTIVE
        342/352
                      .Including a satellite
        342/357.01
                      .. With position indicating
        342/357.02
                      ...With accuracy enhancing
        342/357.03
                      .... Using differential correction
  342/357.17
                (1 OR, 1 XR)
        Class
                342 : COMMUNICATIONS:
                                        DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/350
                      DIRECTIVE
        342/352
                      .Including a satellite
        342/357.01
                      .. With position indicating
        342/357.17
                      ...With particular action taken responsive to
                         position
  342/419
                 (0 OR, 2 XR)
                342 : COMMUNICATIONS:
        Class
                                        DIRECTIVE RADIO WAVE SYSTEMS
                        AND DEVICES
        342/350
                      DIRECTIVE
                      .Beacon or receiver
        342/385
        342/417
                      ..Direction-finding receiver only
        342/419
                      ...Portable
2
   343/700MS
                 (1 OR, 1 XR)
        Class
                343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
        343/700R
                      ANTENNAS
        343/700MS
                      .Microstrip
   343/895
                 (2 OR, 0 XR)
                343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
        Class
        343/700R
                      ANTENNAS
        343/895
                      .Spiral or helical type
                 (2 OR, 0 XR)
   356/146
        Class
                356 : OPTICS:
                                MEASURING AND TESTING
        356/138
                      ANGLE MEASURING OR ANGULAR AXIAL ALIGNMENT
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	356/140 356/144 356/146	09931485_CLSTITLES .Apex of angle at observing or detecting stationWith plural imagesTwo or more lines of sight deflected
2	356/3 (0 Class 356 356/3	OR, 2 XR) : OPTICS: MEASURING AND TESTING RANGE OR REMOTE DISTANCE FINDING
2	455/403 455/422.1	OR, 1 XR) : TELECOMMUNICATIONS RADIOTELEPHONE SYSTEM .Zoned or cellular telephone systemLocation monitoring
2	455/403 455/422.1	<pre>: TELECOMMUNICATIONS RADIOTELEPHONE SYSTEM .Zoned or cellular telephone systemLocation monitoring</pre>
2	455/524 (0 Class 455 455/39	OR, 2 XR) : TELECOMMUNICATIONS TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
	455/500 455/507 455/517 455/524	<pre>.Plural transmitters or receivers (i.e., more</pre>
2	701/207 (0 Class 701 701/200 701/207	OR, 2 XR) : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION NAVIGATION .Employing position determining equipment
2	701/208 (0 Class 701 701/200 701/207 701/208	OR, 2 XR) : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION NAVIGATION .Employing position determining equipmentFor use in a map data base system

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above 2
abstract 1
access 1
accompanying 1
according 1
accordingly 1
adder 1
advantages 1
after 1
also 4
amplifier 6
amplifying 1
an 7
and 26
apparatus 29
apparent 1
appended 1
are 3
as 7
at 1
background 1
baseband 1
be 8
become 1
been 2
binary 1
bitmap 1
blocks 1
body 1
both 3
bpsk 8
by 7
can 1
capable 1
case 2
cdma 1
cellular 1
circuit 5
circuits 2
claims 1
code 1
coincide 1
coincidence 1
combining 1
common 1
communications 1
complex 2
compositions 1
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### 09931485 WDS

comprising 2 conceivable 1 configuration 2 conjunction 2 considered 1 consumption 1 control 1 conventional 2 cost 1 decreasing 1 dedicated 1 degree 1 demodulate 1 demodulated 1 demodulating 2 demodulation 1 demodulator 5 demodulators 1 denoted 1 description 1 design 1 desired 1 development 1 diagrams 1 different 2 digital 10 disclosure 1 division 1 does 1 drawings 1 each 2 elements 1 even 1 example 3 features 1 first 1 following 2 for 20 formed 1 freedom 1 frequency 4 from 5 function 5 gain 3 global 2 gps 13 gsm 1 hand 1

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handles 2
has 1
have 2
having 1
hei 1
high 1
however 2
if 12
in 13
include 1
including 1
input 4
inputted 2
interface 1
intermediate 4
invention 6
iq 1
is 13
it 3
japanese 2
keying 1
laid 1
large 1
least 1
level 1
like 2
limiting 1
linear 1
linearity 1
logic 1
maintain 1
making 1
may 3
measures 1
mobile 1
modulated 13
more 1
multiple 1
necessarily 1
need 1
no 2
nonlinear 1
normally 1
not 1
objects 1
of 27
on 3
one 2
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only 1
ontained 1
open 1
or 1
order 1
other 4
output 1
part 3
particularly 1
parts 1
passed 1
patent 2
pdc 1
personal 1
phase 4
plurality 3
portable 22
positioning 1
power 1
present 4
problems 1
proceeding 1
processed 1
processing 4
provide 1
provided 6
provides 1
quadrature 11
rapidly 1
received 1
receiver 2
receiving 17
recently 1
reception 2
reduction 1
reference 1
relates 1
required 2
requires 1
results 1
second 1
section 1
see 2
semiconductor 6
share 1
shared 2
sharing 1
shift 1
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shifter 1 side 1 signal 24 signals 6 simplified 1 simply 1 solve 1 some 1 specifically 1 spreading 1 stage 9 subjecting 1 such 1 summary 1 system 16 systems 2 taken 1 taking 1 telephone 9 terminal 13 terminals 3 that 3 the 59 them 1 there 1 thereby 1 therefore 4 this 3 through 1 thus 2 to 14 typified 1 use 1 used 4 uses 2 using 3 variable 3 via 2 well 1 when 4 whereas 1 which 1 will 1

with 9

#### 09931485 LIST

PLUS Search Results for S/N 09931485, Searched May 20, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated sear ch

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that a re

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

## 09931485\_LIST

6040006		
6040806		
6043783		
6046707		
6061003		
6070079		
6072524		
6107960		
6112054		
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## 09931485\_EAST

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#### 09931485 WEST

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### 09931485 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 09931485 on May 20, 2004

#### Original Classifications 3 342/357.08 342/357.12 340/573.1 342/357.03 2 342/357.06 2 343/895 356/146 Cross-Reference Classifications 342/357.06 4 343/702 701/212 4 4 701/213 3 340/539.1 3 340/539.13 342/352 3 342/450 3 342/457 2 340/990 2 342/357.07 2 342/357.09 2 342/357.1 2 342/419 2 356/3 2 455/457 2 455/524 2 701/207 701/208 Combined Classifications 7 342/357.06 5 701/213 4 342/357.08 4 342/357.12 4 342/457 4 343/702 4 701/212 3 340/539.1 3 340/539.13 3 342/352 3 342/357.07

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342/357.09 3 342/357.1

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- 3 342/450
- 2 340/573.1
- 2 340/825.49
- 2 340/988
- 2 340/990
- 2 340/995.15
- 2 342/357.03
- 2 342/357.17
- 2 342/419
- 2 343/700MS
- 2 343/895
- 2 356/146
- 2 356/3
- 2 455/456.1
- 2 455/457
- 2 455/524
- 2 701/207
- 2 701/208